

# INTERNATIONAL SEARCH REPORT

International Application No  
NL2004/000568

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61B1/04 A61B1/00 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/015619 A (ADAIR EDWIN LLOYD ; ADAIR JEFFREY L (US); ADAIR RANDALL S (US)) 27 February 2003 (2003-02-27) page 13, lines 26-29	1,4,5,9
Y	page 10, lines 12-18 abstract; figures 1-9	2,3,6-8, 10,14,18
Y	WO 02/05546 A (ADAIR EDWIN LLOYD ; ADAIR JEFFREY L (US); ADAIR RANDALL S (US)) 17 January 2002 (2002-01-17) page 13, line 24 - page 14, line 6 abstract; figures 1-8 ----- -/--	2,10,14, 18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

23 December 2004

Date of mailing of the international search report

17/01/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 532 298 B1 (CAMBIER JAMES L ET AL) 11 March 2003 (2003-03-11) cited in the application	3
A	column 6, line 18 - line 65 column 13, line 19 - line 44; figures 1-13	2,4-8,10
Y	US 6 494 826 B1 (RUDISCHHAUSER JUERGEN ET AL) 17 December 2002 (2002-12-17) column 9, line 48 - line 67; figures 1-6	6-8
A	US 2002/061767 A1 (SLADEN PETER ET AL) 23 May 2002 (2002-05-23) paragraphs '0034! - '0036!; figures 1-18	1-3,7, 10,11
A	US 6 106 457 A (WRISLEY WILLIAM M ET AL) 22 August 2000 (2000-08-22) cited in the application column 9, line 32 - line 47 column 19, line 36 - line 52 column 31, line 54 - column 32, line 52; figures 1-43	1-9,13
A	EP 0 324 657 A (MEDICAL CONCEPTS INC) 19 July 1989 (1989-07-19) the whole document	1,8
A	US 4 722 000 A (CHATENEVER DAVID) 26 January 1988 (1988-01-26) cited in the application the whole document	1
A	EP 0 885 591 A (NOKIA MOBILE PHONES LTD) 23 December 1998 (1998-12-23) abstract; figure 5	1

**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 19, 20  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No

NL2004/000568

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03015619	A	27-02-2003	US 6043839 A	28-03-2000
			US 6310642 B1	30-10-2001
			US 6275255 B1	14-08-2001
			US 5929901 A	27-07-1999
			WO 03015619 A1	27-02-2003
			US 2002163578 A1	07-11-2002
			US 2002180867 A1	05-12-2002
			US 6211904 B1	03-04-2001
			US 6452626 B1	17-09-2002
			US 6424369 B1	23-07-2002
			US 2001052930 A1	20-12-2001
			US 2002089589 A1	11-07-2002
			US 2002067408 A1	06-06-2002
			CA 2345811 A1	08-02-2001
			EP 1117324 A1	25-07-2001
			WO 0108549 A1	08-02-2001
			WO 03030525 A1	10-04-2003
			US 2002080248 A1	27-06-2002
			CA 2368245 A1	09-08-2001
			EP 1164916 A1	02-01-2002
			JP 2003521324 T	15-07-2003
			WO 0215567 A1	21-02-2002
			CA 2301714 A1	15-04-1999
			EP 1029356 A1	23-08-2000
			JP 2001519610 T	23-10-2001
			JP 2004188211 A	08-07-2004
			WO 9918613 A1	15-04-1999
			US 5986693 A	16-11-1999
WO 0205546	A	17-01-2002	US 6452626 B1	17-09-2002
			AU 7004101 A	21-01-2002
			EP 1300001 A1	09-04-2003
			JP 2004512704 T	22-04-2004
			WO 0205546 A1	17-01-2002
			WO 03019940 A2	06-03-2003
			US 2002180867 A1	05-12-2002
			US 2002089589 A1	11-07-2002
US 6532298	B1	11-03-2003	US 6483930 B1	19-11-2002
			US 6377699 B1	23-04-2002
			AU 6774200 A	17-04-2001
			WO 0120561 A1	22-03-2001
			AU 1615300 A	13-06-2000
			BR 9916864 A	21-08-2001
			CA 2350309 A1	02-06-2000
			EP 1153361 A1	14-11-2001
			JP 2002530976 T	17-09-2002
			NO 20012510 A	19-07-2001
			WO 0031679 A1	02-06-2000
			US 6424727 B1	23-07-2002
			US 2002131623 A1	19-09-2002
			ZA 200103797 A	10-05-2002
US 6494826	B1	17-12-2002	DE 19715510 A1	22-10-1998
			DE 59811150 D1	13-05-2004
			WO 9846117 A1	22-10-1998
			EP 0975256 A1	02-02-2000

# INTERNATIONAL SEARCH REPORT

International Application No  
NL2004/000568

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002061767	A1	23-05-2002	GB 2368992 A JP 2002232546 A	15-05-2002 16-08-2002
US 6106457	A	22-08-2000	AU 2869999 A AU 3304099 A WO 9942029 A1 WO 9942030 A1 WO 9942760 A1 US 6393431 B1 US 6142934 A CA 2234141 A1 EP 0868878 A1 JP 11155815 A	06-09-1999 06-09-1999 26-08-1999 26-08-1999 26-08-1999 21-05-2002 07-11-2000 04-10-1998 07-10-1998 15-06-1999
EP 0324657	A	19-07-1989	US 4807594 A CA 1318804 C DE 68910988 D1 DE 68910988 T2 EP 0324657 A1	28-02-1989 08-06-1993 13-01-1994 24-03-1994 19-07-1989
US 4722000	A	26-01-1988	NONE	
EP 0885591	A	23-12-1998	FI 972634 A EP 0885591 A2 JP 11070098 A US 6159424 A	20-12-1998 23-12-1998 16-03-1999 12-12-2000